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AN 121:37553 HCA
TI Polyamide fibers with improved resistance to discoloration by chlorine and their manufacture
IN Chiba, Shuji; Arimatsu, Giichi; Ido, Yoshinori; Shirasu, Koji; Suzuki, Hajime
PA Toyo Boseki, Japan
SO Jpn. Kokai Tokkyo Koho, 9 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
IC ICM D01F006-90
ICS D01F006-90; D01F001-10; D01F006-60; D01F011-08; D06M013-152
CC 40-2 (Textiles and Fibers)
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 06057531	A2	19940301	JP 1992-205489	19920731
AB	The title fibers are prepd. by melt spinning compns. comprising polyamides and substances (A) exhibiting amt. (C) of reaction with Cl .gtoreq.50 mequiv/g to form fibers contg. 0.1-20% A. A compn. contg. nylon 6 and 5% bisphenol A (I; C 79.5 mequiv/g) was melt spun and drawn to give fibers resistant to discoloration by Cl. A knit comprising this fiber and spandex fibers was prepd., dyed, treated with a tannin fixing agent, and heat set to give a knit showing Cl fastness rating (gray scale) 4-5, vs. 1-2 using no I.				
ST	polyamide fiber chlorine resistant; bisphenol A polyamide fiber chlorine resistant; biphenol polyamide fiber chlorine resistant; hydroxyphenyl sulfone polyamide fiber chlorine resistant				
IT	Spandex fibers				
	RL: USES (Uses)				
	(blends with polyamide fibers contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	Polyamide fibers, preparation				
	RL: PREP (Preparation)				
	(manuf. of, contg. bisphenol compds., resistant to discoloration by chlorine)				
IT	Discoloration prevention				
	(of polyamide fibers, by bisphenol compds. for reaction with chlorine)				
IT	Wearing apparel				
	(swimwear, polyamide fibers resistant to discoloration by chlorine for)				
IT	25038-54-4P, Nylon 6, preparation				
	RL: PREP (Preparation)				
	(fiber, contg. phenolic compds., resistant to discoloration by chlorine)				
IT	80-05-7, uses 80-09-1, 4,4'-Dihydroxydiphenyl sulfone 92-88-6, [1,1'-Biphenyl]-4,4'-diol 620-92-8, 4,4'-Methylenebisphenol 27100-33-0, Bisphenol A homopolymer				
	RL: USES (Uses)				
	(polyamide fibers contg., for resistance to discoloration by chlorine)				
IT	7782-50-5, Chlorine, miscellaneous				
	RL: MSC (Miscellaneous)				
	(resistance to, of polyamide fibers contg. bisphenol compds.)				